

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2015 Levee Inspection Results****Yolo County Planning Resources and Public Works**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2015 Levee Inspection Results

Yolo County Planning Resources and Public Works

Waterway			Bank	Unit Miles
Unit No. 01 Right Bank Cache Creek			Right	0.59
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/09/2015 - 04/09/2015			
DWR Inspector	Jai Lor			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start		Rating **	U	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0021_01_s _ 2012_5				
Action/Comments					
Inspector Comments: Yolo County Planning Resources and Public Works does not have levee manuals for their levees.					

No Photos

LM Start		Rating **	A	Issue No.	11
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0021_01_s _ 2012_11				
Action/Comments					
Inspector Comments: Yolo County OES maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0021_01_s _ 2012_12				
Action/Comments					
Inspector Comments: Yolo County OES has a written response plan and response training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.722162 °	38.722162 °
				-121.807223 °	-121.807223 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:39855 DS_ID:19554 EP_NO: 6790 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. FIELD_STRUCT_DESC: 6-inch gas line through levee, 4-feet below the crown. Pipe extends from borrow area and under the channel. Bleeder valve on waterward bank. Service vault located on landward side next to access gate. Paved access ramp on landward slope. (Permit No. 6790-1970) FS Date: 04/16/2013					

No Photos

LM Start	0.03	Rating **	U	Issue No.	3
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.720908 °	38.720908 °
				-121.810398 °	-121.810398 °
DWR ID	DWR_NA0021_01_s_2015_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_NA0021_351_3_20150413_00018.jpg



View of vegetation on the waterward side of the levee looking downstream. Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start	0.14	Rating **	M	Issue No.	15	
LM End	0.47	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.721297 °		°
				-121.808512 °		°
DWR ID	DWR_NA0021_01_s _ 2015_15					
Action/Comments						
Control annual grass and weeds on the levee slopes and easements.						

Photo 1 of 1 : SP_2015_NA0021_351_15_20150413_00019.jpg



View of vegetation on the waterward side of the levee looking downstream. Spring 2015.

LM Start	0.18	Rating **	U	Issue No.	16
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.721542 °	38.721918 °
				-121.807778 °	-121.807373 °
DWR ID	DWR_NA0021_01_s _ 2015_16				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : SP_2015_NA0021_351_16_20150413_00020.jpg



View of the rodent hole on the landward side of the levee looking downstream. Spring 2015.

LM Start	0.25	Rating **	U	Issue No.	17
LM End	0.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.722220 °	38.725887 °
				-121.806966 °	-121.806550 °
DWR ID	DWR_NA0021_01_s _ 2012_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 3 : SP_2015_NA0021_351_17_20150401_00014.jpg



Vegetation and brush is taller than 12 inches. No visibility of the waterside berm. Spring 2013

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Yolo County Planning Resources and Public Works

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start	0.27	Rating **	A/W	Issue No.	14
LM End	0.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.722633 °	38.722633 °
				-121.806938 °	-121.806938 °
DWR ID	DWR_NA0021_01_s _ 2012_14				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : SP_2015_NA0021_351_14_20150401_00013.jpg



Photo taken spring 2012, a large Elderberry on the waterside.

LM Start	0.28	Rating **	M	Issue No.	19
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.722699 °	38.723001 °
				-121.806920 °	-121.806864 °
DWR ID	DWR_NA0021_01_s _ 2012_19				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : SP_2015_NA0021_351_19_20150401_00017.jpg



The trees need to be thinned and trimmed up for visibility.

LM Start	0.30	Rating **	M	Issue No.	13
LM End	0.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.723017 °	38.725844 °
				-121.806879 °	-121.806516 °
DWR ID	DWR_NA0021_01_s _ 2014_13				
Action/Comments					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : SP_2015_NA0021_351_13_20150401_00012.jpg



Vegetation on the crown needs to be controlled. Spring 2014

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start	0.33	Rating **	M	Issue No.	1
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.723381 °	38.725835 °
				-121.806786 °	-121.806526 °
DWR ID	DWR_NA0021_01_s_2015_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: This area now has been declared a habitat restoration area by the Cache Creek Conservancy.					

LM Start	0.33	Rating **	M	Issue No.	1 (cont)
LM End	0.50	Issue Type +	Ma	Location *	LS

LM Start	0.33	Rating **	M	Issue No.	1 (cont)
LM End	0.50	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : SP_2015_NA0021_351_1_20150401_00002.jpg



Vegetation on levee slopes and crown. Fall 2014.

Photo 2 of 3 : SP_2015_NA0021_351_1_20150413_00022.jpg



View of vegetation on the landward side of the levee looking downstream. Spring 2015.

Photo 3 of 3 : SP_2015_NA0021_351_1_20150401_00003.jpg



Vegetation needs to be mowed taller than 12". Spring 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start	0.36	Rating **	M	Issue No.	20
LM End	0.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.723802 °	38.723802 °
				-121.806700 °	-121.806700 °
DWR ID	DWR_NA0021_01_s _ 2015_20				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.36	Rating **	M	Issue No.	6
LM End	0.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.723903 °	38.723903 °
				-121.806613 °	-121.806613 °
DWR ID	DWR_NA0021_01_s _ 2012_6				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP_2015_NA0021_351_6_20150401_00007.jpg



Tree needs to be trimmed up 5'. Spring 2013

LM Start	0.38	Rating **	M	Issue No.	7
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.724165 °	38.724165 °
				-121.806552 °	-121.806552 °
DWR ID	DWR_NA0021_01_s _ 2012_7				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP_2015_NA0021_351_7_20150401_00008.jpg



Tree needs to be trimmed to 5'. Spring 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start	0.40	Rating **	M	Issue No.	8
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.724445 °	38.724445 °
				-121.806505 °	-121.806505 °
DWR ID	DWR_NA0021_01_s _ 2012_8				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP_2015_NA0021_351_8_20150401_00009.jpg



Trees need to be trimmed to 5'. Spring 2013

LM Start	0.44	Rating **	M	Issue No.	9
LM End	0.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.725022 °	38.725022 °
				-121.806478 °	-121.806478 °
DWR ID	DWR_NA0021_01_s _ 2012_9				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP_2015_NA0021_351_9_20150401_00010.jpg



Trees need to be trimmed to 5'. Spring 2013

LM Start	0.47	Rating **	M	Issue No.	10
LM End	0.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.725427 °	38.725427 °
				-121.806470 °	-121.806470 °
DWR ID	DWR_NA0021_01_s _ 2012_10				
Action/Comments					
Trim trees to at least five feet above ground level.					

Photo 1 of 1 : SP_2015_NA0021_351_10_20150401_00011.jpg



The tree needs to be trimmed up. Photo taken fall of 2011.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2015

Yolo County Planning Resources and Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Right Bank Cache Creek	Right	0.59	04/09/2015 04/09/2015	Jai Lor

LM Start	0.49	Rating **	M	Issue No.	21
LM End	0.49	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.725692 °	38.725692 °
				-121.806590 °	-121.806590 °
DWR ID	DWR_NA0021_01_s _ 2015_21				
Action/Comments					
Debris					

Photo 1 of 1 : SP_2015_NA0021_351_21_20150413_00023.jpg



View of a couch on the waterward side of the levee looking upstream.
Spring 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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